

# *CROSS CONNECT VIA FOR MULTILAYER PRINTED CIRCUIT BOARDS*

## **Abstract**

A printed circuit board (B) with a mechanical attachment of connector pins (42a and 42b) to opposite sides of the same plated through location (34) maintains electrical isolation between the board sides (14 and 16). A sequence of controlled depth drilling steps creates a hole (34) through the printed circuit board (B) with multiple diameters (20, 24, 30 and 40).